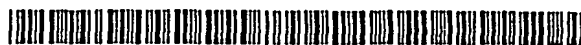


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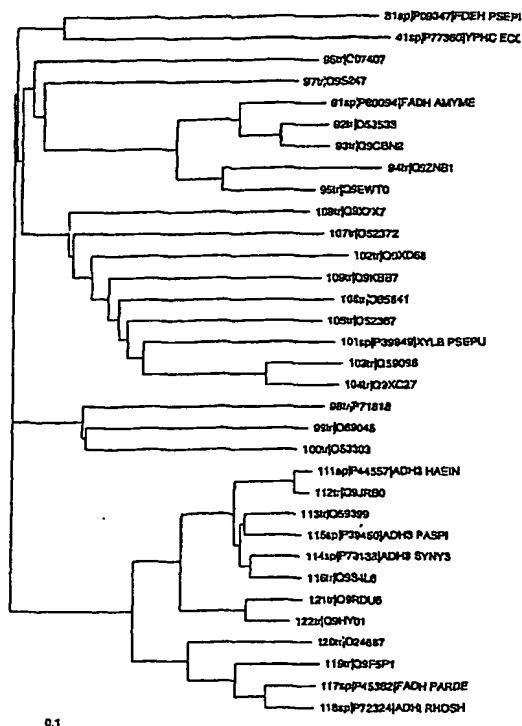
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(54) Title: NOVEL ALCOHOL DEHYDROGENASES

Overview of cluster 2 (= primer group 2), based on 33
sequences(57) Abstract: The invention relates to
novel polypeptides which have the biological
activity of an NAD- or NADP-dependent
alcohol dehydrogenase. The invention
furthermore relates to nucleic acids encoding
said polypeptides, to non-human hosts or host
cells and to reaction systems which may be used
for preparing desired products. The polypeptides
of the invention are preferably used in the
preparation, starting from aldehydes or ketones,
of primary and enantiomerically pure secondary
alcohol's which may serve as intermediates for
medicaments. Alternatively, the polypeptides
of the invention may also be employed in the
reverse reaction, i.e. the oxidation of alcohol's
with the formation of aldehydes or ketones.



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